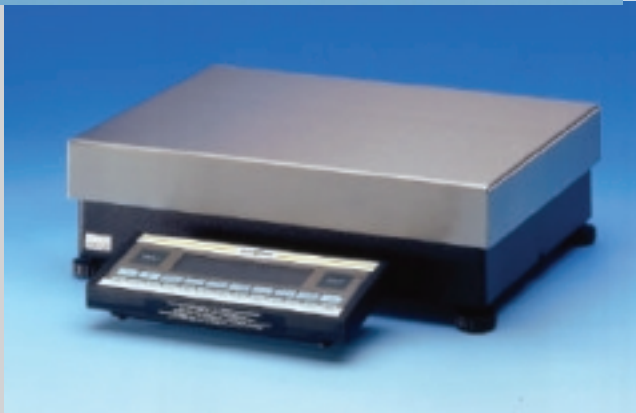
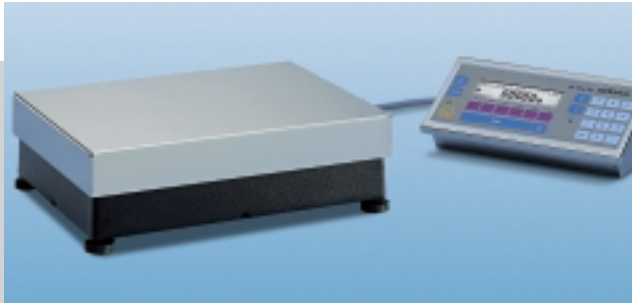




Meeting Your Needs in Every Weigh



**Sartorius Factory
Explosion Proof Scales**

**Intrinsically
Safe**

Sartorius Factory Series Explosion Proof Scales

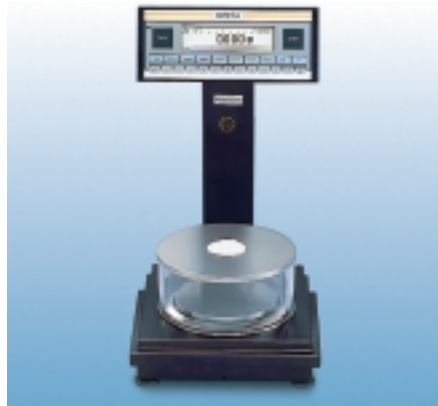
New FCA Series
Approved for
Class I, II, III,
Division 1, Groups
A,B,C,D,E,F,G,T4



FC Series
Approved Class 1,
Division 1, Groups
A,B,C,D



Sartorius FC and FCA, Flexibility is Just The Beginning



FC06BB-SX Milligram Model



FC W/CCE Platform (2-12kg)

Fact #1. Real Tough Explosion Proof Scales

These scales are specifically designed to withstand all the rigors of the harshest industrial environments and keep on working, day in and day out. When we say tough - we mean tough!

Fact #2 High Resolution From 1mg

The Factory EX Series will take

you to decimal places unheard of in this type of scale. Readabilities from 0.001g (0.000002lb.) with capacities up to 330kg (660 lbs).

Fact #3. Flexible Applications and Features

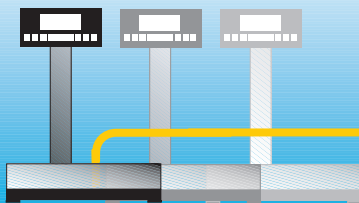
Over 14 application programs included - you decide which one to run based on your weighing application. Now that's convenient!

Send results to a PC or PLC or printer via an optional zener barrier, making data collection a snap.

A built-in RS-232 data interface ensures reliable data transfer to the safe area via Zener barriers. The scales can be run optionally with a power supply designed for the hazardous area or for a safe area.

Connecting a Factory scale to a PC using Software Wedge

Hazardous Area



RS-485 Interface

Safe area

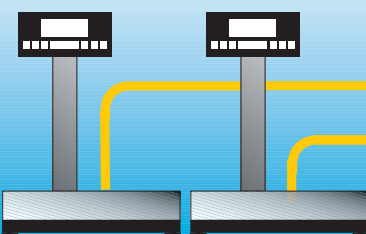
Zener Barrier

YDI02-Z
or
YDI03-Z



Point-to-point connection

Hazardous Area



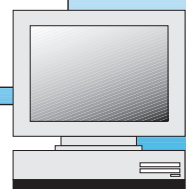
RS-485 Interface

RS-485 Interface

Safe area

YDI02-Z
or
YDI03-Z

Com 1



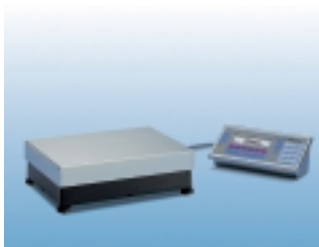
Com 2

YDI02-Z
or
YDI03-Z

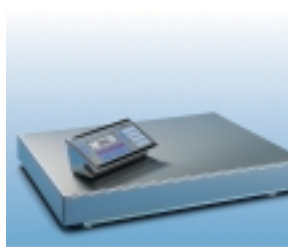
Sartorius Factory Series Explosion Proof Scales



FCEDE Platform (16-64kg)



FCAEDE Model (16-64kg)



FCAIGG Model (150-300kg)

The display is alphanumeric and actually prompts the user in plain English. There is also a choice of other languages that allow flexibility of the personnel who will use the scales.

With over 17 models to pick from, you get an incredible choice of readabilities and capacities. Decisions, decisions?

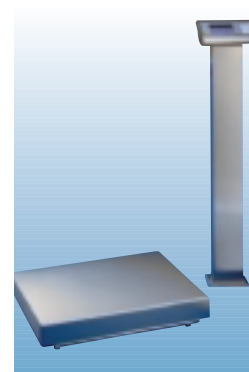
The design and accessories of the FC Series offer a host of highly flexible options for user installations: They are:

- FC Factory Series scales up to 64 kg come with a post mount as standard equipment. An adapter is also included for users who prefer to base-mount the display on the front of the

scale. The FCA Series has an extension cable up to 8.9 feet can also be used to set up the display for remote operation on a bench or on a wall (with the wall mounting bracket). The stainless steel display unit for the FCA scales can also be mounted on an optional stainless steel floor stand.

Additional capabilities: Customized formatting of printouts, logos, graphics, bar codes, and many other types of information can be included on printouts for the FC/FCA models.

Connecting the scale to a PC is easy utilizing the Sartorius WinScale software. This enables weights to be transferred to an online PC for on-



FCA W/Optional Stainless Floor Stand

screen display and evaluation. In addition, your PC screen functions as a second display, and you can control all scale functions

using the PC keyboard.

Note: The power supply must always be ordered separately depending on the area of use.

Features That Make a Difference

Key features include:

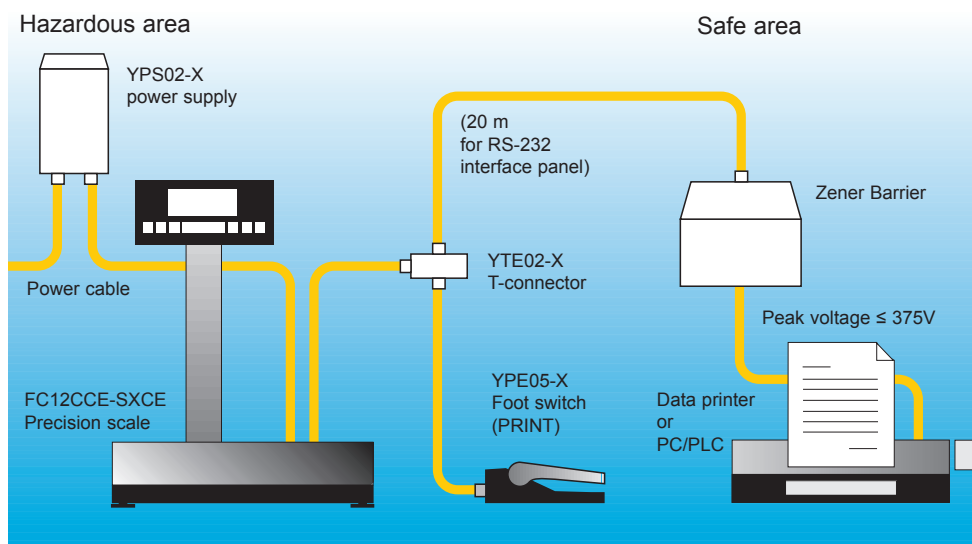
- All units offer an RS232 interface for bidirectional communications with a computer or printer
- Various mounting options
- All units have a bright backlit display
- All units have an alphanumeric printout with graphic capabilities
- Handy accessories are available

Weighing Applications

Key Factory Explosion Proof Scale Applications:

- % weighing
- Differential weighing
- Mass unit conversion
- Checkweighing
- Counting
- Or just simple fast and stable weighing

Fact #4 It's Unanimous. The Choice is Sartorius!



Example of a Factory EX installation

Sartorius FC/FCA Series Explosion Proof Scales

Specifications:

Model Number	Capacity	Readability	Reproducibility(+/-)	Linearity (+/-)	Platform Size (in)	Type/wgt. (kg)	Doc. No.	Wgt. (lbs.)
FC Series Approved Class 1, Division 1, Groups A,B,C,D								
FC06BBE-SX	0.62kg/1.3lbs	0.001g/0.000002lb	0.001g	0.002g	5.1 dia	isoTEST/0.5	20710	22
FC2CCE-SX	2.2kg/4.8lbs	0.01g/0.00002lb	0.01g	0.02g	8.5 x 8	isoTEST/2	20711	24
FC6CCE-HX	6.2kg/13.6lbs	0.01g/0.00002lb	0.01g	0.02g	8.5 x 8	isoTEST/5	20712	24
FC6CCE-SX	6.2kg/13.6lbs	0.1g/0.0002 lb	0.05g	0.1g	8.5 x 8	isoTEST/5	20713	24
FC12CCE-SX	12kg/26lbs	0.1g/0.0002 lb	0.05g	0.2g	8.5 x 8	isoTEST/10	20714	24
FC16EDE-HX	16kg/35lbs	0.1g/0.0002 lb	0.05g	0.2 g	15.8 x 11.8	isoTEST/15	20719	50
FC34EDE-PX	8/16/34 kg	0.1/0.2/0.5 g	0.05/0.05/0.1g	0.2g	15.8 x 11.8	isoTEST/30	20720	50
FC34EDE-HX	34kg/75 lbs	0.1g/0.0002 lb	0.1g	0.2 g	15.8 x 11.8	isoTEST/30	20721	50
FC64EDE-SX	64kg/141 lbs	1g/0.002 lb	0.3 g	1.0 g	15.8 x 11.8	isoTEST/60	20722	50
FC64EDE-HX	64kg/141 lbs	0.1g/0.0002 lb	0.1g	0.1g	15.8 x 11.8	isoTEST/60	20723	50

New FCA Series Approved for Class I, II, III, Division1, Groups A,B,C,D,E,F,G,T4

FCA16EDE-HX	16kg/35lbs	0.1g/0.0002 lb	0.05g	0.2 g	15.8 x 11.8	isoTEST/15	20724	50
FCA34EDE-PX	8/16/34 kg	0.1/0.2/0.5 g	0.05/0.05/0.1g	0.2g	15.8 x 11.8	isoTEST/30	20725	50
FCA34EDE-HX	34kg/75 lbs	0.1g/0.0002 lb	0.1g	0.2 g	15.8 x 11.8	isoTEST/30	20726	50
FCA64EDE-SX	64kg/141 lbs	1g/0.002 lb	0.3 g	1.0 g	15.8 x 11.8	isoTEST/60	20727	35
FCA64EDE-HX	64kg/141 lbs	0.1g/0.0002 lb	0.1g	0.1g	15.8 x 11.8	isoTEST/60	20728	35
FCA150IGG-HX	150kg/330lbs	1g/0.002 lb	1.0g	4.0g	32 x 24	isoTEST/150	20729	155
FCA300IGG-HX	300kg/660lbs	2g/0.005	2.0g	8.0g	32 x 24	isoTEST/300	20730	155

Accessories for Explosion-Proof Scales FC-EX & FCA-EX

Catalog No.	Description
Printers & Printer Supplies	
YDP02IS-OCEV120	Strip and Label Printer (9-pin male to 12 pin round male cable included)

Data Transfer Devices & Cables

YDI02-Z	Zener Barrier (4x data lines)
YDI03-Z	Zener Barrier (4x data/4x control lines)
YTE01Z-X	T-Connector, for use with YPE05-X

Power Supplies

YPS02-ZKR	Safe Area Power Supply (65 ft. of intrinsically safe cable)
YPS02-XKR	Hazardous Area Power Supply (8 ft. of intrinsically safe cable x 8 ft. of cable requiring hardwiring by a licensed electrician.)

External Control Devices

YPE05-X	Foot Switch, explosion-proof.
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Fax on Demand Call 800-551-3774

Get the latest information on each model by using the access number listed above.



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